

# Himanshu Shailesh Adwani

Freelance Software Dev • Computer Science Sophomore, Penn State

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## Education

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**The Pennsylvania State University** • GPA 3.7/4.0

Aug. 2024 – Present

Bachelor of Computer Science

- \* Built strong proficiency in Python and continue advancing in Java; apply problem-solving skills through projects that mirror real-world software engineering practices
- \* Minoring in Information Sciences and Technology: Developed foundational knowledge in networking and system administration to prepare for roles such as DevOps engineer
- \* Minoring in Artificial Intelligence: Gaining exposure to machine learning and AI concepts; motivated by the growing demand for AI-driven solutions

## Experience

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**Cider Collective LLC** • Lead Software Developer

Nov. 2022 – Present

- \* Redesigned and rebuilt `cider.sh`, the company's main application web presence, into a high-performing site that attracts 200,000 unique visitors monthly and significantly strengthened Cider's brand
- \* Fixed critical bugs across the application, improving stability and overall user experience
- \* Optimized UX algorithms, reducing latency and drop-off rates, while implementing efficient queue shuffling with the Fisher-Yates algorithm
- \* Built a robust search framework, redesigning the settings page into a boilerplate structure and adding new search algorithms for faster discoverability of features
- \* Introduced new features such as customizable keybindings and Chromecast support by writing a custom Go library

## Projects

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**Cider Chromecast Integration** • Go, C

A lightweight Go library and CLI for streaming audio to Chromecast-enabled devices.

**himanshu.sh** • Vue, TypeScript, CSS, JavaScript

A personal website built with the help of Nuxt.js

**Kalopsia Bot** • JavaScript

Entertainment-focused bot for a popular chat app with 100+ GitHub stars, built to increase community engagement and retention

## Technical Skills

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### Programming Languages

JavaScript, TypeScript, Python, Java, Go, HTML, CSS

### Frameworks/ Databases/ Tools

React, Next.js, Nuxt.js, Node.js, Tailwind CSS, SQL (SQLite, Supabase), MongoDB, Git